

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below under our names.

We believe that we are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

the Specification of which

- ☐ is attached hereto
☐ was filed on June 7, 1995
as Application Serial No. 08/485,943
and was amended on _____ (if applicable).

We hereby state that we have reviewed and understand the contents of the above-identified Specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

<u>APPLICATION</u>	<u>PRIOR FILED APPLICATION(S)</u>	<u>PRIORITY</u>
<u>NUMBER</u>	<u>COUNTRY (DAY/MONTH/YEAR FILED)</u>	<u>CLAIMED</u>
N O N E		

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in any prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>APPLICATION NO.</u>	<u>FILING DATE (DAY/MONTH/YEAR)</u>	<u>STATUS - PATENTED, PENDING, ABANDONED</u>
08/292,345	17 August 1994	PENDING
08/347,563	30 November 1994	PENDING
08/438,431	10 May 1995	PENDING

We hereby appoint as our attorneys or agents the following persons: Stefan J. Klauber (Attorney, Registration No. 22,604); David A. Jackson (Attorney, Registration No. 26,742); Raymond M. Speer (Registration No. 26,810); Barbara L. Renda (Attorney, Registration No. 27,626); Paul F. Fehlner (Attorney, Registration No. 35,135); and Sharon E. Crane-Feury (Agent, Registration No. 36,113), said attorneys or agents with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please address all correspondence regarding this application to:

DAVID A. JACKSON, ESQ.
KLAUBER & JACKSON
411 HACKENSACK AVENUE
HACKENSACK, NEW JERSEY 07601

Direct all telephone calls to David A. Jackson at (201) 487-5800.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

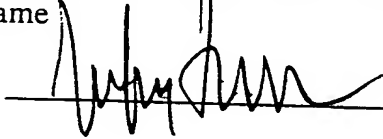
FULL NAME OF FIRST INVENTOR: JEFFREY M. FRIEDMAN

RESIDENCE: 500 East 63rd Street
Apt. 17B
New York, New York 10021

COUNTRY OF CITIZENSHIP: UNITED STATES OF AMERICA

POST OFFICE ADDRESS: Same

SIGNATURE OF INVENTOR



DATE

10/16/95

Docket No.: 600-1-087 CIP2I

FULL NAME OF SECOND JOINT INVENTOR: YIYING ZHANG
RESIDENCE: 1161 York Avenue, Apt. 7H
New York, New York 10021

COUNTRY OF CITIZENSHIP: PEOPLE'S REPUBLIC OF CHINA
POST OFFICE ADDRESS: Same

SIGNATURE OF INVENTOR *Yiying Zhang*
DATE 10/16/95

FULL NAME OF THIRD JOINT INVENTOR: RICARDO PROENCA
RESIDENCE: 26-62 30th Street
Astoria, New York 11102

COUNTRY OF CITIZENSHIP: UNITED STATES OF AMERICA
POST OFFICE ADDRESS: Same

SIGNATURE OF INVENTOR *Ricardo Proenca*
DATE 10/17/95

FULL NAME OF FOURTH JOINT INVENTOR: MARGHERITA MAFFEI
RESIDENCE: 504 East 63rd Street
Apt. 36S
New York, New York 10021

COUNTRY OF CITIZENSHIP: ITALY
POST OFFICE ADDRESS: Same

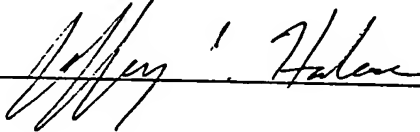
SIGNATURE OF INVENTOR *Margherita Maffei*
DATE 10/16/95

FULL NAME OF FIFTH JOINT INVENTOR: JEFFREY L. HALAAS

RESIDENCE: 420 East 70th Street
Apt. 9J
New York, New York 10021

COUNTRY OF CITIZENSHIP: UNITED STATES OF AMERICA
POST OFFICE ADDRESS: Same

SIGNATURE OF INVENTOR _____



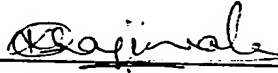
DATE 10/16/95

FULL NAME OF SIXTH JOINT INVENTOR: KETAN GAJIWALA

RESIDENCE: 500 East 63rd Street
Apt. 11F
New York, New York 10021

COUNTRY OF CITIZENSHIP: INDIA
POST OFFICE ADDRESS: Same

SIGNATURE OF INVENTOR _____



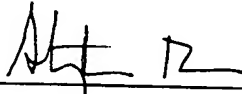
DATE 17 Oct 95

FULL NAME OF SEVENTH JOINT INVENTOR: STEPHEN K. BURLEY

RESIDENCE: 500 East 63rd Street
Apt. 20A
New York, New York 10021

COUNTRY OF CITIZENSHIP: UNITED STATES OF AMERICA
POST OFFICE ADDRESS: Same

SIGNATURE OF INVENTOR _____



DATE 10/17/95



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 26, 1996

PTAS

DAVID A. JACKSON, ESQ.
KLAUBER & JACKSON
411 HACKENSACK AVENUE, 4TH FLOOR
HACKENSACK, NJ 07601



100102903A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/13/1995

REEL/FRAME: 7718/0306
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
FRIEDMAN, JEFFREY M.

DOC DATE: 10/16/1995

ASSIGNOR:
ZHANG, YIYING

DOC DATE: 10/16/1995

ASSIGNOR:
PROENCA, RICARDO

DOC DATE: 10/17/1995

ASSIGNOR:
MAFFEI, MARGHERITA

DOC DATE: 10/16/1995

ASSIGNOR:
HALAAS, JEFFREY L.

DOC DATE: 10/16/1995

ASSIGNOR:
GAJIWALA, KETAN

DOC DATE: 10/16/1995

ASSIGNOR:
BURLEY, STEPHEN K.

DOC DATE: 10/17/1995

ASSIGNEE:

ROCKEFELLER UNIVERSITY, THE
1230 YORK AVENUE
NEW YORK, NEW YORK 10021-6399

SERIAL NUMBER: 08347563
PATENT NUMBER:

FILING DATE: 11/30/1994
ISSUE DATE:

SERIAL NUMBER: 08438431
PATENT NUMBER:

FILING DATE: 05/10/1995
ISSUE DATE:

SERIAL NUMBER: 08483211
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08488208
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08488215
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08488214
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08488224
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08485942
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08485944
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08488223
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08485943
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SERIAL NUMBER: 08488225
PATENT NUMBER:

FILING DATE: 06/07/1995
ISSUE DATE:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



100102903B

AUTHORIZATION TO CHARGE ADDITIONAL FEES TO DEPOSIT ACCOUNT

MARCH 26, 1996

TO: OFFICE OF FINANCE
FROM: ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS
SUBJECT: DEPOSIT ACCOUNT CHARGE(S)

CHARGE THE DEPOSIT ACCOUNT LISTED BELOW ADDITIONAL FEE(S) AS INDICATED BELOW. AUTHORIZATION TO CHARGE ADDITIONAL FEES HAS BEEN PROVIDED PER THE ATTACHED COVER SHEET, OR BY DIRECT CONTACT WITH THE CUSTOMER.

DEPOSIT ACCOUNT NUMBER: 11-1153
PROPERTY NUMBER: 08347563

RECORDING FEES:

FEE CODE: 581 AMOUNT: 440

IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

TRADEMARK SERVICE FEES:	FEE CODE:
RECORDING FIRST MARK	481
RECORDATION SECOND AND SUBSEQUENT MARK IN SAME DOCUMENT	482
LABOR CHARGES FOR SERVICES PER HOURS OR FRACTION THEREOF	484
UNSPECIFIED OTHER SERVICES	485

PATENT SERVICE FEES:

RECORDING EACH PATENT ASSIGNMENT,	581
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AGREEMENT, OTHER PAPER, PER PROPERTY LABOR CHARGES FOR SERVICES PER HOUR (\$30) OR FRACTION THEREOF	584
UNSPECIFIED OTHER SERVICES	585

12-08-1995

40-581-1



FORM PTO-130

(Rev. 6/93)

100102903

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 600-1-087..

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): MRD 11-13-95

Jeffrey M. Friedman, Yiying Zhang, Ricardo Proenca,
Margherita Maffei, Jeffrey L. Halaas, Ketan Gajiwala,
and Stephen K. Burley

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Other: _____

Execution Date: 10/16/95, 10/16/95, 10/17/95, 10/16/95,
10/16/95, 10/16/95, 10/17/95

2. Name and address of receiving party(ies):

Name: The Rockefeller UniversityAddress: 1230 York AvenueNew York, NY 10021-6399Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/347,563, 08/438,431, 08/483,211, 08/488,208,
08/488,215, 08/488,214, 08/488,224, 08/485,942, 08/485,944,
08/488,223, 08/485,943, 08/488,225

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David A. Jackson, Esq.Address: KLAUBER & JACKSON411 Hackensack Avenue, 4th FloorHackensack, New Jersey 076016. Total number of applications and patents involved: 127. Total fee (37 CFR 3.41): \$40.00☒ Enclosed☐ Authorized to be charged to deposit account, if necessary - for overages or underpayments only

8. Deposit account number:

11-1153

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

050 40 Paul F. Fehlner, Ph.D.
Name of Person Signing 583

Paul F. Fehlner (Reg. No. 35,135)
Signature

Nov 8, 1995
Date

Total number of pages including cover sheet, attachments, and document: 8

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

A S S I G N M E N T

WHEREAS, WE JEFFREY M. FRIEDMAN, a citizen of the U.S.A.

residing at 500 East 63rd Street
Apt. 17B
New York, New York 10021

YIYING ZHANG, a citizen of the Republic of China

residing at 1161 York Avenue
Apt. 7H
New York, New York 10021

RICARDO PROENCA, a citizen of the U.S.A.

residing at 26-62 30th Street
Astoria, New York 11102

MARGHERITA MAFFEI, a citizen of Italy

residing at 504 East 63rd Street
Apt. 36S
New York, New York 10021

JEFFREY L. HALAAS, a citizen of the U.S.A.

residing at 420 East 70th Street
Apt. 9J
New York, New York 10021

KETAN GAJIWALA, a citizen of India

residing at 500 East 63rd Street
Apt. 11F
New York, New York 10021

STEPHEN K. BURLEY, a citizen of the U.S.A.

residing at 500 East 63rd Street
Apt. 20A
New York, New York 10021

Docket No.: 600-1-087..

ASSIGNORS, have invented certain new and useful improvements in

**MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND
PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF**

for which we have filed Applications for Letters Patent in the United States on

<u>Filing Date</u>	<u>Serial No.</u>	<u>Docket No.</u>
November 30, 1994	08/347,563	600-1-087 CIP
May 10, 1995	08/438,431	600-1-087 CIP1
June 7, 1995	08/483,211	600-1-087 CIP2A
June 7, 1995	08/488,208	600-1-087 CIP2B
June 7, 1995	08/488,215	600-1-087 CIP2C
June 7, 1995	08/488,214	600-1-087 CIP2D
June 7, 1995	08/488,224	600-1-087 CIP2E
June 7, 1995	08/485,942	600-1-087 CIP2F
June 7, 1995	08/485,944	600-1-087 CIP2G
June 7, 1995	08/488,223	600-1-087 CIP2H
June 7, 1995	08/485,943	600-1-087 CIP2I
June 7, 1995	08/488,225	600-1-087 CIP2J

WHEREAS, **THE ROCKEFELLER UNIVERSITY**, an education corporation organized and existing under the laws of the State of New York, with offices at 1230 York Avenue, New York, New York 10021-6399;

ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, FOR other good and valuable consideration, the receipt of which is hereby acknowledged, we the said

ASSIGNORS,

have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to the said

ASSIGNEE,

its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the right to claim priority under the terms of any appropriate International Convention based upon said application for Letters Patent of the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said

ASSIGNEE,

its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the interest herein assigned in the manner hereinabove set forth, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said

ASSIGNEE,

its successors, legal representatives and assigns, any fact known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisions, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said

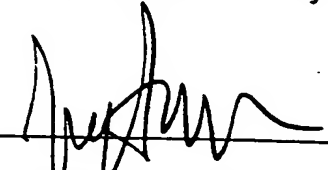
ASSIGNEE,

its successors, legal representatives and assigns, to obtain and enforce proper Patent Protection for said improvements in the United States.

Docket No.: 600-1-087..

IN TESTIMONY WHEREOF, we hereunto set our hand and seal the day and year set opposite our signatures.

Date 10/16, 1995
L.S.




JEFFREY M. FRIEDMAN

State of N.Y. :
County of N.Y. : ss.
:

Before me this 16 day of October 1995, personally appeared JEFFREY M. FRIEDMAN, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

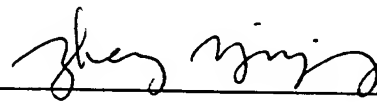
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Notary Public

TERESA L. SOLOMON
Notary Public, State of New York
No. 31-4989836
Qualified in New York County
Commission Expires Dec. 1, 1995

Date 10/16, 1995
L.S.

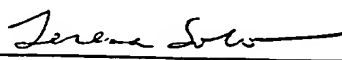


YIYING ZHANG

State of N.Y. :
County of N.Y. : ss.
:

Before me this 16 day of October 1995, personally appeared YIYING ZHANG, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

(Affix Seal Here)



Notary Public

TERESA L. SOLOMON
Notary Public, State of New York
No. 31-4989836
Qualified in New York County
Commission Expires Dec. 1, 1995

Docket No.: 600-1-087..

Date 10/17, 1995
L.S.

Ricardo Proenca

RICARDO PROENCA

State of NY :
County of NY : ss.
:

Before me this 17 day of October 1995, personally appeared RICARDO PROENCA, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Teresa L. Solomon
Notary Public

(Affix Seal Here)

TERESA L. SOLOMON
Notary Public, State of New York
No. 31-4989836
Qualified in New York County
Commission Expires Dec. 1, 1995

Date 10/16/95, 19
L.S.

Margherita Maffei

MARGHERITA MAFFEI

State of NY :
County of NY : ss.
:

Before me this 16 day of October 1995, personally appeared MARGHERITA MAFFEI, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


Teresa L. Solomon
Notary Public

(Affix Seal Here)

TERESA L. SOLOMON
Notary Public, State of New York
No. 31-4989836
Qualified in New York County
Commission Expires Dec. 1, 1995

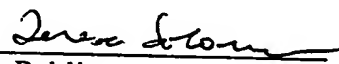
Docket No.: 600-1-087..

Date 10/16, 1995
L.S.


JEFFREY L. HALAAS

State of NY :
County of NY : ss.
:

Before me this 16 day of October 1995, personally appeared JEFFREY L. HALAAS, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


Notary Public

(Affix Seal Here)

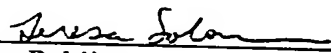
TERESA L. SOLOMON
Notary Public, State of New York
No. 31-4989836
Qualified in New York County
Commission Expires 1995

Date 10/16, 1995
L.S.


KETAN GAJIWALA

State of NY :
County of NY : ss.
:

Before me this 16 day of October 1995, personally appeared KETAN GAJIWALA, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


Notary Public

(Affix Seal Here)

TERESA L. SOLOMON
Notary Public, State of New York
No. 31-4989836
Qualified in New York County
Commission Expires Dec. 1 - 1995

Docket No.: 600-1-087..

Date 10/17, 1995
L.S.

Stephen K. Burley

STEPHEN K. BURLEY

State of NY :
County of NY : ss.
:

Before me this 17 day of Oct 1995, personally appeared STEPHEN K. BURLEY, to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Teresa L. Solomon
Notary Public

(Affix Seal Here)

TERESA L. SOLOMON
Notary Public, State of New York
No. 31-4989836
Qualified in New York County
Commission Expires Dec. 1, 1995